Ye-Bang Tan

List of Publications by Year
in descending order

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40 papers	631 citations	516710 16 h-index	642732 23 g-index
40 all docs	40 docs citations	40 times ranked	660 citing authors

#	Article	IF	Citations
1	Noval tannic acid-based polyether as an effective demulsifier for water-in-aging crude oil emulsions. Chemical Engineering Journal, 2018, 354, 1110-1119.	12.7	65
2	Controlled gelation kinetics of cucurbit[7]uril-adamantane cross-linked supramolecular hydrogels with competing guest molecules. Scientific Reports, 2016, 6, 20722.	3.3	36
3	Synthesis and properties of novel branched polyether as demulsifiers for polymer flooding. Colloid and Polymer Science, 2016, 294, 1943-1958.	2.1	33
4	Control Viscoelasticity of Polymer Networks with Crosslinks of Superposed Fast and Slow Dynamics. Angewandte Chemie - International Edition, 2021, 60, 22332-22338.	13.8	28
5	Preparation of dithiocarbamate polymer brush grafted nanocomposites for rapid and enhanced capture of heavy metal ions. RSC Advances, 2017, 7, 13112-13122.	3.6	27
6	Preparation of lysine-decorated polymer-brush-grafted magnetic nanocomposite for the efficient and selective adsorption of organic dye. Applied Surface Science, 2018, 441, 654-662.	6.1	27
7	Aggregation behavior of block polyethers with branched structure at air/water surface. European Polymer Journal, 2009, 45, 2540-2548.	5.4	26
8	Self-assembly of ionic-liquid-type imidazolium gemini surfactant with polyoxometalates into supramolecular architectures for photocatalytic degradation of dye. Journal of Molecular Liquids, 2018, 272, 180-187.	4.9	26
9	Heavy Oil Viscosity Reduction Performance of Novel Water-Soluble Terpolymers. Energy & Fuels, 2019, 33, 9736-9746.	5.1	26
10	Long Branched-Chain Amphiphilic Copolymers: Synthesis, Properties, and Application in Heavy Oil Recovery. Energy & Fuels, 2018, 32, 7002-7010.	5.1	24
11	GMP-quadruplex-based hydrogels stabilized by lanthanide ions. Science China Chemistry, 2018, 61, 604-612.	8.2	24
12	Permeable, robust and magnetic hydrogel beads: water droplet templating synthesis and utilization for heavy metal ions removal. Journal of Materials Science, 2018, 53, 15009-15024.	3.7	23
13	A novel hyper-cross-linked polymer for high-efficient fluid-loss control in oil-based drilling fluids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 626, 127004.	4.7	20
14	Novel bile acid sequestrant: A biodegradable hydrogel based on amphiphilic allylamine copolymer. Chemical Engineering Journal, 2016, 304, 493-502.	12.7	18
15	Fabricating a heavy oil viscosity reducer with weak interaction effect: Synthesis and viscosity reduction mechanism. Colloids and Interface Science Communications, 2021, 42, 100426.	4.1	17
16	Dual-cross-linked dynamic hydrogels with cucurbit[8]uril and imine linkages. Soft Matter, 2019, 15, 9797-9804.	2.7	16
17	Proanthocyanidin-Based Polyether Demulsifiers for the Treatment of Aging Oil Emulsions. Energy & Fuels, 2020, 34, 5788-5797.	5.1	16
18	Supramolecular topology controlled self-healing conformal hydrogels for stable humanâ€“machine interfaces. Journal of Materials Chemistry C, 2022, 10, 8077-8088.	5.5	16

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19	Self-assembly of an alkynylpyrene derivative for multi-responsive fluorescence behavior and photoswitching performance. Soft Matter, 2020, 16, 7390-7399.	2.7	14
20	Total Synthesis of (-)-Praziquantel: An Anthelmintic Drug. Journal of Chemical Research, 2004, 2004, 186-187.	1.3	13
21	A supramolecular switch based on three binding states of a pyrene derivate: a reversible three-state switch with only two stimuli. RSC Advances, 2013, 3, 13311.	3.6	13
22	Synthesis of linear cucurbit[7]uril pendent copolymers through radical polymerization: Polymers with ultraâ€high binding affinity. Journal of Polymer Science Part A, 2015, 53, 1748-1752.	2.3	13
23	Self-Assembly of Europium-Containing Polyoxometalates/Tetra-n-alkyl Ammonium with Enhanced Emission for Cu²⁺ Detection. ACS Omega, 2018, 3, 14953-14961.	3.5	12
24	Practical Modification of Tannic Acid Polyether Demulsifier and Its Highly Efficient Demulsification for Water-in-Aging Crude Oil Emulsions. ACS Omega, 2019, 4, 20697-20707.	3.5	12
25	Synthesis and Properties of a Novel Branched Polyether Surfactant. Journal of Surfactants and Detergents, 2016, 19, 1107-1120.	2.1	10
26	An â€˜in-waterâ€™ halogen-ion compatible â€œclickâ€•catalyst for cucurbituril guest ligation. Supramolecular Chemistry, 2016, 28, 801-809.	1.2	10
27	G-Quadruplex based hydrogels stabilized by a cationic polymer as an efficient adsorbent of picric acid. New Journal of Chemistry, 2019, 43, 18331-18338.	2.8	9
28	Fluorescence enhancement and cytotoxicity reduction of bis-viologen biphenyl by complexation of cucurbit[7]uril. Chinese Chemical Letters, 2021, 32, 725-728.	9.0	9
29	Tuning thermal gelling behavior of N-isopropylacrylamide based copolymer through introducing cucurbit[8]uril ternary complex on side-chain. Chinese Journal of Polymer Science (English Edition), 2016, 34, 1251-1260.	3.8	8
30	Synthesis, characterization and application of dual thermo- and solvent-responsive double-hydrophilic diblock copolymers of N-acryloylmorpholine and N-isopropylacrylamide. Journal of Molecular Liquids, 2022, 357, 119053.	4.9	7
31	A fluorescent guest used to determinate the effective content of CB[8] and to further detect methyl viologen. Chinese Chemical Letters, 2013, 24, 857-860.	9.0	6
32	Tunable Fluorescence-Responsive Double Hydrophilic Block Polymers Induced by the Formation of Pseudopolyrotaxanes with Cucurbit[7]Uril. Polymers, 2019, 11, 1470.	4.5	6
33	Synthesis of a Micro-Crosslinked Polyacrylamide Flocculant and Its Application in Treatment of Oily Produced Water. Energy & Fuels, 2021, 35, 18396-18405.	5.1	6
34	Rheological properties of poly(acrylamide-co-sodium acrylate) and poly(acrylamide-co-sodium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	0.5	4
35	Synthesis and properties of copolymers containing cucurbit[6]uril-based pseudorotaxane structure. Chinese Journal of Polymer Science (English Edition), 2012, 30, 578-588.	3.8	4
36	Novel epigallocatechin gallate-based polyether surfactants: Synthesis, characterization and demulsification properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 623, 126757.	4.7	4

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37	Triple stimulation-responsive behavior of pseudorotaxane polymer assembled by amphiphilic polymer and cucurbit[7]uril in aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 615, 126271.	4.7	2
38	Thermal responsiveness and binding affinity of cucurbit[7]uril terminal poly(N-isopropylacrylamide). New Journal of Chemistry, 2017, 41, 14831-14834.	2.8	1
39	Rheological properties of novel thermo-responsive polycarbonates aqueous solutions. Central South University, 2008, 15, 102-106.	0.5	0
40	Synthesis and characterization of pH-Responsive block copolymers with primary amine groups. Chemical Research in Chinese Universities, 2013, 29, 389-395.	2.6	0